

Application № 10/810,186
Reply to Office Action of August 7, 2009

THE CLAIMS

Claims 1-36 are pending in the instant application. Claims 1, 13 and 25 are independent. Claims 2-12, 14-24 and 26-36 depend from independent claims 1, 13 and 25, respectively.

Listing of claims:

1. (Previously Presented) A method for choosing at least one signal path, the method comprising:

determining a signal quality metric for each of a plurality of signal paths;

modifying the determined signal quality metric for each of the plurality of signal paths; and

selecting at least one of said plurality of signal paths for receiving a signal, wherein said selecting is based on at least one of the modified signal quality metrics.

2. (Previously Presented) The method of claim 1, comprising cycling through at least one of the signal paths.

3. (Previously Presented) The method of claim 1, comprising biasing the signal quality metric for each of the plurality of signal paths.

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4. (Previously Presented) The method of claim 1, comprising increasing the signal quality metric for each of the plurality of signal paths by a fixed amount.
5. (Previously Presented) The method of claim 1, comprising increasing the signal quality metric for each of the plurality of signal paths by a predetermined amount.
6. (Previously Presented) The method of claim 1, comprising dynamically changing the signal quality metric for each of the plurality of signal paths.
7. (Previously Presented) The method of claim 1, comprising decreasing the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.
8. (Previously Presented) The method of claim 1, comprising selecting a signal path with a signal quality metric greater than at least one modified signal quality metric.
9. (Previously Presented) The method of claim 1, comprising selecting a signal path with a signal quality metric less than at least one modified signal quality metric.

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10. (Previously Presented) The method of claim 1, wherein the signal quality metric comprises one or more of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and/or an interference level characteristic.

11. (Previously Presented) The method of claim 1, wherein at least one of the plurality of signal paths comprises an antenna.

12. (Previously Presented) The method of claim 1, wherein each of the plurality of signal paths comprises one or both of a receive signal path and/or a transmit signal path.

13. (Previously Presented) A computer-readable medium having stored thereon, a computer program having at least one code section for choosing at least one signal path, the at least one code section being executable by a computer for causing the computer to perform steps comprising:

determining a signal quality metric for each of a plurality of signal paths;
modifying the determined signal quality metric for each of the plurality of signal paths; and

selecting at least one of said plurality of signal paths for receiving a signal, wherein said selecting is based on at least one of the modified signal quality metrics

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14. (Previously Presented) The computer-readable medium of claim 13, comprising code for cycling through at least one of the signal paths.

15. (Previously Presented) The computer-readable medium of claim 13, comprising code for biasing the signal quality metric for each of the plurality of signal paths.

16. (Previously Presented) The computer-readable medium of claim 13, comprising code for increasing the signal quality metric for each of the plurality of signal paths by a fixed amount.

17. (Previously Presented) The computer-readable medium of claim 13, comprising code for increasing the signal quality metric for each of the plurality of signal paths by a predetermined amount.

18. (Previously Presented) The computer-readable medium of claim 13, comprising code for dynamically changing the signal quality metric for each of the plurality of signal paths.

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19. (Previously Presented) The computer-readable medium of claim 13, comprising code for decreasing the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.

20. (Previously Presented) The computer-readable medium of claim 13, comprising code for selecting a signal path with a signal quality metric greater than at least one modified signal quality metric.

21. (Previously Presented) The computer-readable medium of claim 13, comprising code for selecting a signal path with a signal quality metric less than at least one modified signal quality metric.

22. (Previously Presented) The computer-readable medium of claim 13, wherein the signal quality metric comprises one or more of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and/or an interference level characteristic.

23. (Previously Presented) The computer-readable medium of claim 13, wherein at least one of the plurality of signal paths comprises an antenna.

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24. (Previously Presented) The computer-readable medium of claim 13, wherein each of the plurality of signal paths comprises one or both of a receive signal path and/or a transmit signal path.

25. (Previously Presented) A system for choosing at least one signal path, the system comprising:

at least one processor that enables determining of a signal quality metric for each of a plurality of signal paths;

the at least one processor enables modifying of the determined signal quality metric for each of the plurality of signal paths; and

the at least one processor enables selecting of at least one of said plurality of signal paths for receiving a signal, wherein said selecting is based on at least one of the modified signal quality metrics.

26. (Previously Presented) The system of claim 25, wherein the at least one processor enables cycling through at least one of the signal paths.

27. (Previously Presented) The system of claim 25, wherein the at least one processor enables biasing of the signal quality metric for each of the plurality of signal paths.

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28. (Previously Presented) The system of claim 25, wherein the at least one processor enables increasing of the signal quality metric for each of the plurality of signal paths by a fixed amount.

29. (Previously Presented) The system of claim 25, wherein the at least one processor enables increasing of the signal quality metric for each of the plurality of signal paths by a predetermined amount.

30. (Previously Presented) The system of claim 25, wherein the at least one processor enables dynamically changing of the signal quality metric for each of the plurality of signal paths.

31. (Previously Presented) The system of claim 25, wherein the at least one processor enables decreasing of the signal quality metric for each of the plurality of signal paths by at least one of a fixed amount and a predetermined amount.

32. (Previously Presented) The system of claim 25, wherein the at least one processor enables selecting of a signal path with a signal quality metric greater than at least one modified signal quality metric.

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33. (Previously Presented) The system of claim 25, wherein the at least one processor enables selecting of a signal path with a signal quality metric less than at least one modified signal quality metric.

34. (Previously Presented) The system of claim 25, wherein the signal quality metric comprises one or more of a power level characteristic, a packet error rate characteristic, a bit error rate characteristic, a propagation channel characteristic, and/or an interference level characteristic.

35. (Previously Presented) The system of claim 25, wherein at least one of the plurality of signal paths comprises an antenna.

36. (Previously Presented) The system of claim 25, wherein each of the plurality of signal paths comprises one or both of a receive signal path and/or a transmit signal path.